

## **ATTACHMENT 6. BUDGET**

The budgets for both the Groundwater Quality Monitoring Program and the Cummings Basin Groundwater Model Update are summarized in **Table 6.1**

**Table 6.1 - Budget Summary by Task**

<b>Task</b>	<b>Budget Category</b>	<b>Non-State Share* (Funding Match)</b>	<b>Requested Grant Funding</b>	<b>Total</b>
<b>Project 1: Groundwater Quality Monitoring Program</b>				
1	Develop Groundwater Data Management System	\$0	\$17,700	\$17,700
2	Groundwater Monitoring Well Network	\$0	\$42,840	\$42,840
3	Wastewater Treatment Facility Monitoring	\$0	\$2,300	\$2,300
4	Estimation of Nitrogen Loading from Septic Systems and Agricultural Lands	\$0	\$21,400	\$21,400
5	Other Supporting Data	\$0	\$10,100	\$10,100
6	Annual Monitoring Report	\$0	\$17,200	\$17,200
7	Reporting and Stakeholder Involvement *	\$0	\$17,730	\$17,730
<b>TOTAL FOR PROJECT 1</b>		<b>\$0</b>	<b>\$129,270</b>	<b>\$129,270</b>
<b>Project 2: Cummings Basin Groundwater Model Update</b>				
1	Collection/Compilation of Recent Data	\$0	\$23,900	\$23,900
2	Water Balance Estimation	\$0	\$16,700	\$16,700
3	Model Update, Post-Audit, and Re-Calibration	\$0	\$43,900	\$43,900
4	Report, Project Management, and Meetings	\$0	\$36,230	\$36,230
<b>TOTAL FOR PROJECT 2</b>		<b>\$0</b>	<b>\$120,730</b>	<b>\$120,730</b>
<b>TOTAL GRANT AMOUNT</b>				<b>\$250,000</b>

\* Work for Task 7-Reporting and Stakeholder Involvement applies to both projects.

Below is a list of supporting documents for the budget:

**Exhibit 6.1** – Budget Table for Project 1: Groundwater Quality Monitoring Program

**Exhibit 6.2** - Budget Table for Project 2: Cummings Basin Groundwater Model Update

**Exhibit 6.3** – Laboratory Costs for Water Quality Testing

The budget items are consistent with the work plan and budget. Additional details on the cost estimate follow.

### **Water Quality Sampling and Testing**

Groundwater will be tested for nitrate levels in Subtask 2.5 – Conduct Additional Groundwater Quality Monitoring. As mentioned for that subtask, the Program will focus upon nitrate monitoring initially; if additional water quality constituents are tested, these costs shall be borne by TCCWD or by a local water purveyor with their consent.

A water-testing price sheet from a local laboratory is included as **Exhibit 6.3**. Nitrate analysis cost \$20 per sample. Therefore, testing costs for the proposed project are summarized as follows:

$(50 \text{ wells} + 5 \text{ blank samples} + 5 \text{ duplicate samples}) \times 6 \text{ sampling periods} = 360 \text{ Samples}$

$360 \text{ samples} \times \$20/\text{sample} = \$7,200$

Refer to the schedule for identified sampling periods.

### **Consultant Fees**

Consultant fees were provided by TCCWD's consulting engineers, Provost & Pritchard Consulting Group (P&P) and Fugro Consultants, Inc. Hourly rates and reimbursable costs are based on their standard fee schedules.

### **Mileage**

Mileage will be charged at rates specified by DWR, assumed for now to be standard IRS rates. The cost estimate assumes the mileage rate to be \$0.555/mile. No per diem or lodging costs are included in the cost estimate. Mileage for the project is based on trips between the locations of the proposed consultants, and the TCCWD District Office.

### **Project 1**

Trips will be needed to attend meetings, data acquisition, and to perform QA/QC visits for water quality sampling efforts of District staff. Roundtrip mileage from Bakersfield (P&P's office) to TCCWD's office is 90 miles. It is assumed that 10 total round trips are made during the project.

### **Project 2**

Trips will be needed to attend meetings with TCCWD staff and WAPC workshops. Roundtrip mileage from San Luis Obispo (Fugro's office) to TCCWD's office is 330 miles. It is assumed that 4 total round trips are made during the project.

### **Administrative Tasks**

Administrative costs will be limited to Subtask 7.1 – Progress Reports, which total \$5,470, which is about 2.2% of the requested grant amount.

### **Contingency**

The cost estimate has a built in contingency of 5%. If grant funding is insufficient to complete the projects, TCCWD is prepared to pay for extra costs.

### **Project Tracking and Billing**

It is proposed to track and bill the projects according to the tasks in the budget. Budgets will not be tracked or billed by subtask. Tracking cost according to each sub-task would be cumbersome and would not add to understanding the project's cost.

The District will also make other contributions to the projects costs that are not included in the cost estimate. These include the following:

- 1) District staff time to administer and manage the projects through meetings with the consulting engineer, Board meetings, meetings with other water agencies, WAPC meetings, and review of project submittals.
- 2) District staff time to collect records described in the work tasks. Also data entry as identified in the tasks.
- 3) Future groundwater monitoring efforts including sampling and water quality testing.